

Application/Control Number: 09/811,994
Art Unit: 2157

Docket No.: PALM-3615

CLAIM AMENDMENTS

The following listing of claims replaces all prior versions of the claims:

Listing of Claims:

1. (Currently Amended) A communication protocol comprising the steps of:
 - a) a sending application resident on a first computer system selecting a transport mechanism and passing data having a first data type to a first utility program resident on said first computer system;
 - b) said first utility program[,] adding a token, a first category type identifier corresponding to said first data type, and a first data type identifier corresponding to said first data type, to said data to form an information packet and then, transparently to said sending application, using said transport mechanism to transmit said information packet to a second computer system;
 - c) a second utility program, resident on said second computer system, locating said first data type identifier and said first category type identifier in said information packet using said token;
 - d) said second utility program indexing a relevant one of a plurality of category types corresponding to said first category type identifier of an application registry with said first data type identifier to determine a destination application that is associated with said first data type identifier; and
 - e) supplying said data packet to said destination application.
2. (Original) A communication protocol as described in Claim 1 wherein said first computer system and said second computer system are portable computer systems.

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3. (Original) A communication protocol as described in Claim 1 wherein said first computer system and said second computer system are hand-held portable computer systems.
4. (Original) A communication protocol as described in Claim 1 wherein said transport mechanism is substantially compliant with the Short Messaging Service (SMS) standard.
5. (Original) A communication protocol as described in Claim 1 wherein said transport mechanism includes the use of a GSM wireless communication device.
6. (Previously Presented) A communication protocol as described in Claim 1 wherein said plurality of category types comprise: an Extension category; a MIME type category and an Application Creator category.
7. (Previously Presented) A communication protocol as described in Claim 6 wherein said first category type identifier is a numeric value.
8. (Currently Amended) A transport-independent communication protocol between computer systems comprising the steps of:
 - a) a sending application resident on a first computer system selecting a wireless transport mechanism and passing data having a given data type to a first utility program resident on said first computer system;
 - b) said first utility program[,] adding a token, a first category type identifier corresponding to said given data type, and a first data type identifier corresponding to said given data type, to said data to form an information packet and then, transparently to said sending

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application, using said wireless transport mechanism to transmit said information packet to a second computer system;

c) a second utility program, resident on said second portable computer system, locating said first data type identifier and said first category type identifier in said information packet using said token;

d) said second utility program indexing a relevant one of a plurality of category types corresponding to said first category type identifier of said application registry with said first data type identifier to determine a destination application that is associated with said first data type identifier; and

e) supplying said data packet to said destination application.

9. (Original) A communication protocol as described in Claim 8 wherein said first portable computer system and said second portable computer system are hand-held portable computer systems.

10. (Original) A communication protocol as described in Claim 8 wherein said wireless transport mechanism is substantially compliant with the Short Messaging Service (SMS) standard.

11. (Original) A communication protocol as described in Claim 10 wherein said wireless transport mechanism includes the use of a GSM wireless communication device.

12. (Previously Presented) A communication protocol as described in Claim 8 wherein each of a plurality of category type identifiers is a unique numeric value.

13. (Previously Presented) A communication system comprising:

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a sending application resident on a first computer system for selecting a transport mechanism and passing data having a first data type to a first utility program resident on said first computer system;

said first utility program for adding a token, a first category type identifier corresponding to said first data type, and a first data type identifier corresponding to said first data type, to said data to form an information packet and then for using said transport mechanism to transmit said information packet to a second computer system;

an application registry resident on said second computer system and comprising a mapping of each of a plurality of data type identifiers to one of a plurality of applications that are registered for each of a plurality of data types, wherein said plurality of data types identifiers are organized by a plurality of category types; and

a second utility program, resident on said second computer system, for locating said first data type identifier and said first category type identifier in said information packet using said token and for indexing a relevant one of a plurality of category types corresponding to said first category type identifier of said application registry with said first data type identifier to determine a destination application that is associated with said first data type identifier.

14. (Original) A communication system as described in Claim 13 wherein said first computer system and said second computer system are portable computer systems.

15. (Original) A communication system as described in Claim 13 wherein said first computer system and said second computer system are hand-held portable computer systems.

16. Original) A communication system as described in Claim 13 wherein said transport mechanism is substantially compliant with the Short Messaging Service (SMS) standard.

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17. (Original) A communication system as described in Claim 13 wherein said transport mechanism includes the use of a GSM wireless communication device.

18. (Original) A communication system as described in Claim 17 wherein said transport mechanism includes the use of a GSM wireless communication device.

19. (Previously Presented) A communication system as described in Claim 13 wherein said plurality of category types comprise: an Extension category; a MIME type category and an Application Creator category.

20. (Previously Presented) A communication system as described in Claim 19 wherein said first category type identifier is a numeric value.